

IMAGE PROJECTION METHOD AND IMAGE PROCESSING APPARATUS  
EMPLOYING HIGHER-ORDER MOMENT

ABSTRACT OF THE DISCLOSURE

- 5        For the purpose of providing an image projection method for incorporating all data values along a projection axis on a projection image produced from three-dimensional data, a pixel value  $G$  at a point of intersection of the projection axis and projection plane is determined as:

$$G = \left[ \left( \sum_{i=1}^n V_i / n \right)^r - \sum_{i=1}^n (V_i / n)^r \right]^{1/r},$$

- 10       where the number of three-dimensional data values along the projection axis is denoted by  $n$ , a data value is denoted by  $V_i$ , and a real number greater than one is denoted by  $r$ .